



State of Alaska  
Department of Fish and Game  
Habitat and Restoration Division

Nomination for Waters  
Important to Anadromous Fish

Region  USGS Quad   
 Anadromous Water Catalog Number of Waterway   
 Name of Waterway   USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

Nomination # <u>01 147</u>		For Office Use	
Revision Year: <u>2001</u>	<u>109</u>	<u>Arct# 4486</u>	<u>1/20/01</u>
Revision to: Atlas _____ Catalog _____	<u>Ed Win</u>	<u>7/10/01</u>	
Both <u>X</u>	AWC Project Biologist	Date	
Revision Code: <u>A-2</u>	<u>2 Stone</u>	<u>12/11/01</u>	
	Drafted	Date	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	8/15/00		50+		<input checked="" type="checkbox"/>
Sculpin	8/15/00		2		<input type="checkbox"/>
King	8/15/00		1		<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

**Comments:** Data collected during Mat-Su Culvert Inventory of Bodenberg, Wasilla and Cottonwood Creek drainages, see attached data sheets. Additional information available in Inventory database.

Add stream 247-50-10200-2071-3025-4030 this is a spring fed stream originating upstream of site 008 and flowing through sites 008 and 006 before joining up with 3025 south of 006. Hundreds of YOY sockeye fry were observed in this stream. Local residents noted that the stream supports sockeye and chum spawning. 7 YOY sockeye were dipnetted 100 feet above site 008 for identification. 1 was captured in trap at site 006.

Size of fry indicate spawning in reach.

Updated Hydrography exists in I:\hr\_projs\msbculverts\gis\_data\hydro\bodhyd.shp

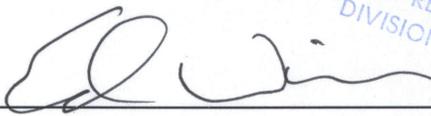
ALASKA DEPT. OF FISH & GAME  
MAY 24 2001  
REGION II  
HABITAT AND RESTORATION DIVISION



**EDWARD W. WEISS**  
HABITAT BIOLOGIST

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Signature:   
 Date: 5/23/01

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_ Revision 3/97

# Stream Crossing Structure Inventory

006 D / 006 A

Mat-Su

Date	8/2/00	
Site No.	006	GPS wpt
	ENN, OJ, JC initials	
	Goodrich, Pvt Drive	
	Bodenheer	
		Aa#

**road:**

- Prism type
- Crossing Structure Type
- Structure Failure Mechanism
- Special Site Condition

TF	code
CP	code
IB	code
N	code

**site:**

- Sampling Crew
- Road Name
- Stream Name
- Watershed Minor No.

S/CG = SAND over COARSE GRAVEL

**stream:**

- Upstream Substrate Type
- Upstream Bank Composition

S/CG

S/CG	code
A	code

- Downstream Substrate Type
- Downstream Bank Composition

S/CG

S/CG	code
A	code

**fish habitat / presence:**

- Fish Habitat
- Fish Sampling method

ABSP	code
DN/MT	code

presence verified

- Chinook
- Coho
- Sockeye
- Pink
- Chum
- Rainbow
- Dolly Varden
- Other Resident Fish Presence

N	
N	
BT-R	
N	codes
?	N
N	US
N	DS
N	BT

**skew:**

- Bearing of roadway
- Bearing of culvert
- Bearing of U-channel
- Bearing of D-channel

dd°	Skew°
E90°E	
S20°W	20°
N12°E	8°
S33°W	13°

LOCAL RESIDENTS NOTE  
 SPAWNING SOCKEYE & CHUM  
 ABOVE & BELOW ROAD IN  
 THIS REACH.  
 ALSO NOTED SALMON (COHO?)  
 IN BURKHOLSER LK, LANDLOCKED?

**notes:**

Site No. **WAT 006**

**culvert:**

Entrance Type	<b>PRO</b>	code
Inlet Erosion		code
Outlet Erosion		code

**substrate:**

culvert	<b>Ø</b>	code
upstream	<b>Ø</b>	code
downstream	<b>Ø</b>	code

upstream bank composition		code
downstream bank composition		code

I#	culvert:	left		right	
		In	out	In	out
	Width / diameter	3.1	3.1		
	Height	2.9	3.0		
	H2O Depth	1.35	.9		
	Substrate Depth	Ø	Ø		
	culvert damage	—	—		
	culvert blockage	—	—		
	Corrugation Depth		3/16 .45		
	Corrugation Width		5 in 0.9		

ROUND MULTI PLATE CULVERT. BOTTOM PLATE EXTENDS .7 FT ON LOWER END PERCHED ABOVE BED.

**culvert barrel velocity:**

	length	sec	sec	sec	sec	sec	x sec
left	25'	6	5.75	5.27			S
right							

Minnow Trap/Electrofisher (circle)

Observer/s: **OS**

Fishing Time:

Minnow Trap Electrofisher

Water Temp

Start: **9:40** Start:

Time 1:

Stop: **11:00** Stop:

Time 2:

Accum:  Accum:

H<sub>2</sub>O TEMP 41.0°F

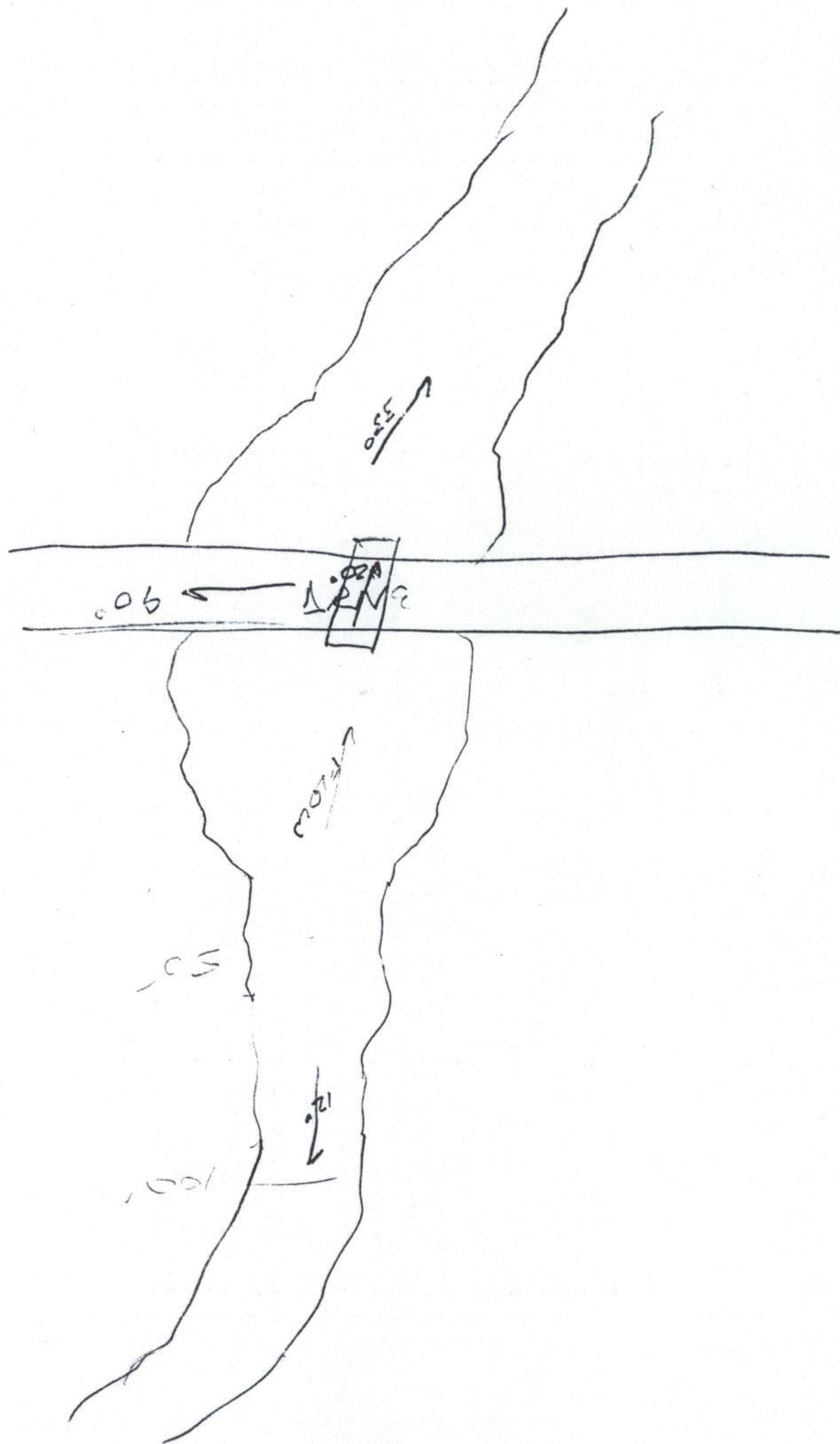
**CATCH**

Species	Lgth	Brand				Species	Lgth	Brand					
		(Y/N)	Type	Location	Recap			(Y/N)	Type	Location	Recap		
1	50	50					21						
2							22						
3							23						
4							24						
5							25						
6							26						
7							27						
8							28						
9							29						
10							30						
11							31						
12							32						
13							33						
14							34						
15							35						
16							36						
17							37						
18							38						
19							39						
20							40						

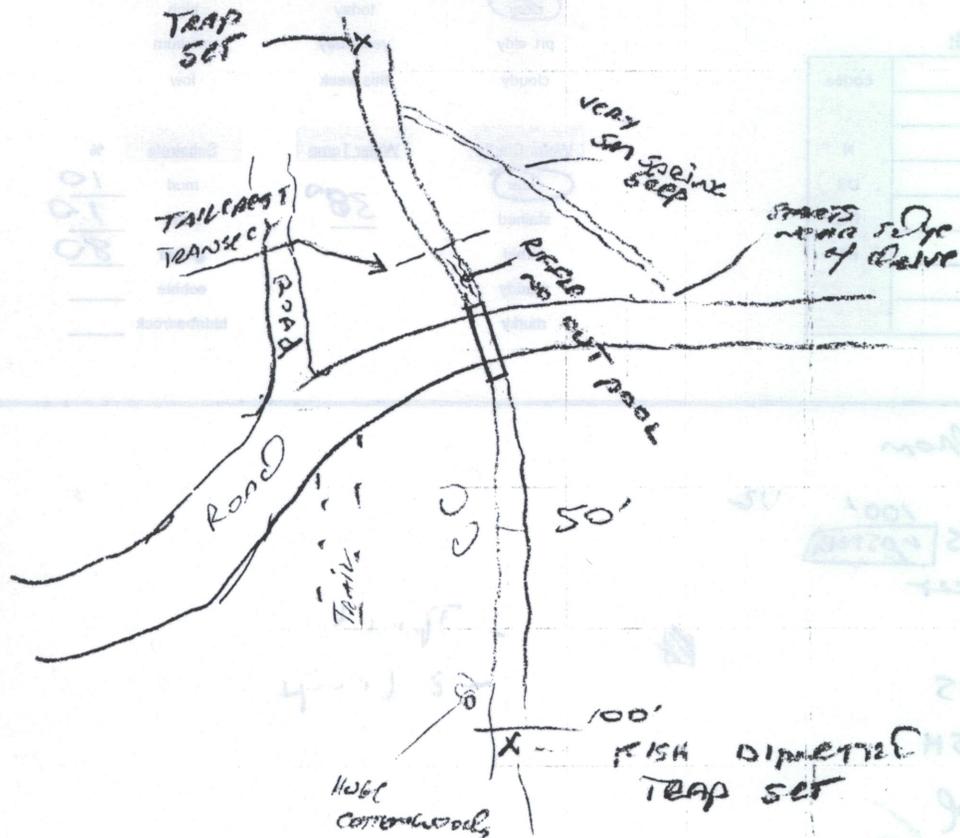
Comments:

C = upstream 25' = 1 50 YOY 250mm  
 50' upstream width 23'  
 D = downstream

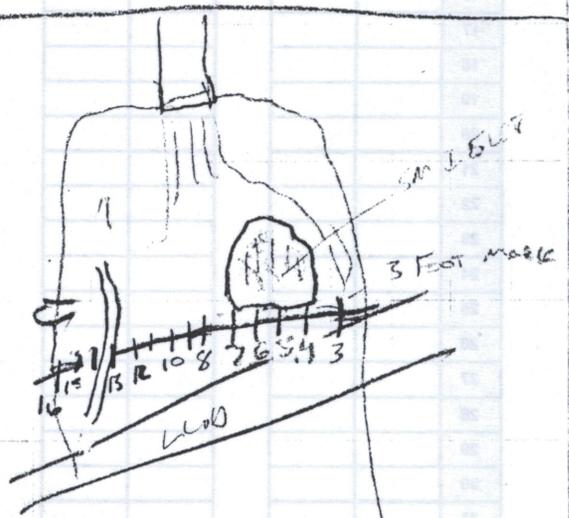
00012  
 12







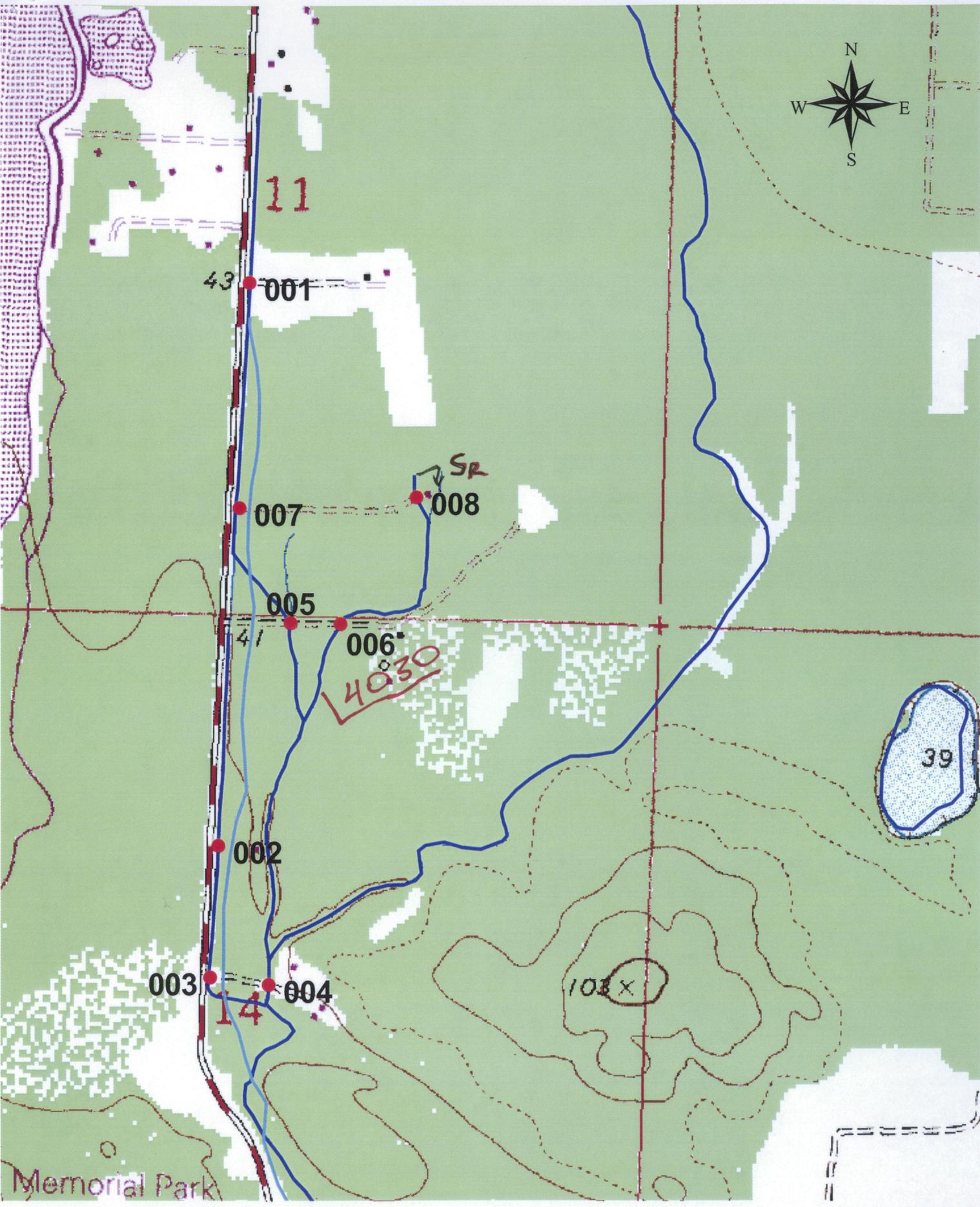
LANDOWN  
 NOTES  
 A FEW FISH  
 GET UP  
 THRU CULVERT



OLD  
 GLENN

STAN-LEWIS

Subsequent drive-bys between 8/15/00 and 9/15/00 confirmed presence of spawning sockeye and redds at and upstream of sites 003, 002 and 007. Adult sockeye were also present upstream of site 006. A few Chum salmon were also present upstream of site 002.



Memorial Park